

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	:	Gang Wang	)	
Applicant	:	Microsoft Corporation	)	Examiner: Victor Lesniewski
Serial No.	:	09/840,588	)	
Filed	:	April 23, 2001	)	Art Unit: 2152
For	:	Method and Apparatus for	)	
		Managing Computing Devices	)	Confirmation No.: 3809
		on a Network	)	
Customer No.:	:	22971		

---

Mail Stop: AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In connection with the above-identified application and in accordance with the requirements of MPEP §713.04 and 37 CFR §1.133(b), Applicants hereby submit a Substance of Interview. The Substance of Interview is further submitted in response to the telephone interview of Wednesday, August 30, 2006, with the Applicants' undersigned representative.

## SUBSTANCE OF INTERVIEW

The Interview Summary is contained in an electronic mail sent from the Applicants' representative to the Examiner, a copy of which is presented in its entirety herein below:

**From:** L. Alan Collins (LCA)  
**Sent:** Wednesday, August 30, 2006 11:57 AM  
**To:** 'victor.lesniewski@uspto.gov'  
**Cc:** L. Alan Collins (LCA)  
**Subject:** Application #09/840,588  
**Importance:** High

Dear Examiner Lesniewski,

Thank you for your call today regarding the above-identified application. Applicants appreciate the opportunity to discuss claim 16 with regard to the Advisory Action mailed 8/1/2006 responsive to an Amendment After Final previously filed by the Applicants.

In the discussion suggestions were made that may help resolve a perceived lack of clarity in claim 16. Also discussed were concerns over the phrase "machine-readable medium" and a possible antecedent basis issue with the phrase "...that satisfies the one or more queries,..." in section (a) of claim 16.

It was further discussed that amending claim 16 as suggested and provided herein below may render the claims of the application allowable. Should the Examiner find that the provided amendments render the claims of the application allowable, an Examiner's amendment consisting of the same would be favorably received by the Applicants.

### Suggested amendments to claim 16:

Claim 16. A machine-readable storage medium having stored thereon a repository data structure for storing data corresponding to a schema for defining relations between objects of a server computing device coupled by means of a network to a management computing device, said repository data structure derived from a compilation of a managed object format language rendering of the schema, said rendering including:

a) a base class of type management element from which a

plurality of classes of type web element are derived, the base class of type management element providing ~~and which provides~~ at least one access point to instances of the derived classes, which can be traversed to dynamically discover information about one or more associated computing devices that satisfies ~~[[the]]~~ one or more queries, based on one or more query triggering events defined in at least one on event class derived from the base class, the derived classes of type web element providing the information that satisfies the one or more queries;

b) a first derived class of the base class being at least two managed elements having one or more attributes comprising a display format attribute defining a manner for presenting information at one or more client devices which is obtained by an aggregator component on the management computing device via the at least one access point and a display name attribute that identifies the information to be presented at the one or more client devices; and

c) a second derived class of the base class being the at least one on event class that defines a source and result relationship between the at least two managed elements having at least one particular result object being provided for at least one particular source object based on the aggregator component requesting the information via the at least one access point.

Further, Applicants would favorably receive an Examiner's Amendment including amendments to claims 17 and 18 as suggested herein below such that the phrase "machine-readable medium" in each claim is amended to "machine-readable storage medium", along with other amendments to further clarify the invention in light of the suggested amendments to claim 16.

Suggested amendments to claims 17 and 18:

Claim 17. The repository data structure stored on the machine-readable storage medium of claim 16 additionally comprising a third derived class of the

base class being an aggregate class that defines elements having a parent and child relation between instances of the derived classes of type web element management element type object.

Claim 18. The repository data structure stored on the machine-readable storage medium of claim 16 wherein the first derived class further includes a datatype field and a data field and wherein one type of datatype causes the data in the data field to be interpreted as a SQL statement.

Applicants wish to again thank Examiner Lesniewski for the opportunity to discuss the application and for the courtesy extended to Applicants' undersigned representative.

Sincerely,



L. Alan Collins  
Microsoft Corporation  
Patent Group  
One Microsoft Way  
Redmond, WA 98052-6399  
Tel: (425) 703-8265  
Fax: (425) 936-7329 - Attn: AlanCo

CONFIDENTIAL COMMUNICATION

This e-mail message and any attachments are confidential. If you are not the intended recipient, please immediately reply to the sender and delete this message from your e-mail system. Thank you.


REMARKS

Applicants wish to, again, thank Examiner Lesniewski for the courtesy and cooperation extended towards the Applicants' undersigned representative during the prosecution of the present application.

Respectfully Submitted,

Microsoft Corporation

Date: August 30, 2006  
Microsoft Corporation  
One Microsoft Way  
Redmond, WA 98052

By:   
L. Alan Collins  
Registration Number: 57,646  
Direct Telephone: (425) 703-8265

CERTIFICATE OF MAILING OR TRANSMISSION  
(Under 37 CFR § 1.8(a)) or ELECTRONIC FILING

I hereby certify that this correspondence is being electronically deposited with the USPTO via EFS-Web on the date shown below:

August 30, 2006  
Date

  
Signature

Noemi Tovar  
Printed Name